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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheet as necessary)				Complete if Known	
				Application Number	09/911,047
				Filing Date	July 23, 2001
				First Named Inventor	Glen H. ERIKSON
				Group Art Unit	1655
				Attorney Docket Number	E1047/20060
Sheet	1	of	1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
<i>N</i>		5,783,063		CLARKSON et al.	07-21-1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
<i>N</i>		WO	00 75792		MEGERLE	12-14-2000	

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

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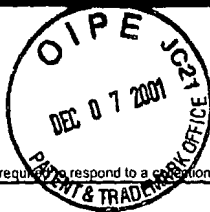
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Examiner Name
Attorney Docket Number E1047/20060

Sheet 1 of 3

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		Number	Kind Code (if known)		
M		U.S. No. 4,220,450		MAGGIO	09-02-1980
		U.S. No. 4,876,187		DUCK et al.	10-24-1989
		U.S. No. 4,963,477		TCHEN	10-16-1990
		U.S. No. 5,011,769		DUCK et al.	04-30-1991
		U.S. No. 5,332,659		KIDWELL	07-26-1994
		U.S. No. 5,403,711		WALDER et al.	04-04-1995
		U.S. No. 5,538,848		LIVAK et al.	07-23-1996
		U.S. No. 5,539,082		NIELSEN et al.	07-23-1996
		U.S. No. 5,558,998		HAMMOND et al.	09-24-1996
		U.S. No. 5,660,988		DUCK et al.	08-26-1997
N		U.S. No. 5,705,346		OKAMOTO et al.	01-06-1998
		U.S. No. 5,707,801		BRESSER et al.	01-13-1998
		U.S. No. 5,731,146		DUCK et al.	03-24-1998
		U.S. No. 5,800,984		VARY	09-01-1998

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
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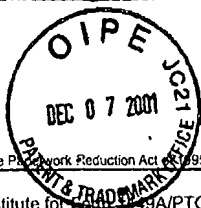
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M		ABSTRACT of JP 5237000, YOSHITAMI (09-17-1993)	
		BARAN et al., <i>Nucleic Acids Research</i> 25:297-303 (1997)	
		BOHMANN et al., <i>Science</i> , 238:1386-1392 (Dec. 1987)	
		CARLSSON et al., 380 <i>Nature</i> 207 (March 21, 1996)	
		CHAN et al., <i>J. Mol. Med.</i> 75 Issue 4:267-282 (1997)	
		DALRYMPLE et al., <i>Nucleic Acids Research</i> , Vol. 13, No. 21, pp. 7865-7879 (1985)	
		DURLAND et al., <i>Biochemistry</i> , 30:9246-9255 (1991)	
		EGHOLM et al., 365 <i>Nature</i> 566 (7 October 1993)	
		FLORIS et al., 260 <i>Eur. J. Biochem.</i> 801-809 (1999)	
		HILL et al., <i>Methods in Enzymology</i> , 278:390-416 (1997)	

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STATEMENT BY APPLICANT**
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Application Number 09/911,047
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First Named Inventor Glen H. ERIKSON
Group Art Unit 1655
Examiner Name
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Sheet 2 of 3

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		Number	Kind Code (if known)		
M		U.S. No. 5,800,992		FODOR et al.	09-01-1998
		U.S. No. 5,814,447		ISHIGURO et al.	09-29-1998
		U.S. No. 5,814,516		VO-DINH	09-29-1998
		U.S. No. 5,824,477		STANLEY	10-20-1998
		U.S. No. 5,824,557		BURKE et al.	10-20-1998
		U.S. No. 5,846,729		WU et al.	12-08-1998
		U.S. No. 5,861,124		HOSOI et al.	01-19-1999
		U.S. No. 5,874,555		DERVAN et al.	02-23-1999
		U.S. No. 5,888,739		PITNER et al.	03-30-1999
		U.S. No. 5,912,332		AGRAWAL et al.	06-15-1999
		U.S. No. 5,948,897		SEN et al.	09-07-1999
		U.S. No. 6,013,442		KOLESAR et al.	01-11-2000
		U.S. No. 6,017,709		HARDIN et al.	02-25-2000
		U.S. No. 6,027,880		CRONIN et al.	02-22-2000
		U.S. No. 6,046,004		WU et al.	04-04-2000

FOREIGN PATENT DOCUMENTS

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		Office	Number	Kind Code (if known)			

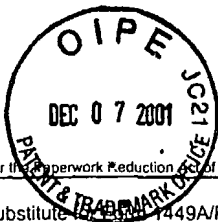
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M		JOHANSEN and JACOBSEN, <i>J Biomol Struct Dyn</i> , 16(2):205-22 (1998 Oct) (Abstract)	
		KADONAGA et al., <i>Cell</i> , 51:1079-1090 (Dec. 24, 1987)	
		KUKRETI et al. 25 <i>Nucleic Acids Research</i> 4264-4270 (1997)	
		MARSH et al., <i>Nucleic Acids Research</i> , 23:696-700 (1995)	
		MARSH et al., <i>Biochemistry</i> 33:10718-10724 (1994)	
		MAZUMDER et al., <i>Biochemistry</i> 35:13762-13771 (1996)	
		SEN et al., <i>Nature</i> 334:364-366 (1988)	
M		SEN et al., <i>Biochemistry</i> 31:65-70 (1992)	

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Application Number 09/9047
Filing Date July 23, 2004
First Named Inventor Glen H. ERIKSON
Group Art Unit 1655
Examiner Name
Attorney Docket Number E1047/20060

Sheet 3 of 3

U.S. PATENT DOCUMENTS

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		Number	Kind Code (if known)		
M		U.S. No. 6,048,690		HELLER et al.	04-11-2000
		U.S. No. 6,060,242		NIE et al.	05-09-2000
		U.S. No. 6,107,078		KEESE et al.	08-22-2000
		U.S. No. 6,117,657		USMAN et al.	09-12-2000
		U.S. No. 6,251,591		WU et al.	06-26-2001
		U.S. No. 6,255,050		NIE et al.	07-03-2001
		U.S. No. 6,265,170		PICARD et al.	07-24-2001
		U.S. ASN 09/468,679	6,403,313	DAKSIS et al.	
		U.S. ASN 09/015,263	6,420,115	ERIKSON et al.	
		U.S. ASN 09/664,827		ERIKSON et al.	
		U.S. ASN 09/713,177		ERIKSON et al.	
		U.S. ASN 09/885,731		ERIKSON et al.	
		U.S. ASN 09/909,496		ERIKSON et al.	

FOREIGN PATENT DOCUMENTS

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M		STURM et al., <i>Genes & Development</i> , 2:1582-1599 (1988)	
		TOMAC et al., 118 <i>J. Am. Chem. Soc.</i> 5544-5552 (1996)	
		WATSON, James, "A Personal Account of the Discovery of the Structure of DNA," (1968)	
		WILLIAMSON et al., <i>Cell</i> 59:871-880 (1 December 1989)	
		WILSON et al., <i>Cell</i> , 74:115-125 (July 16, 1993)	
		ZHURKIN et al., <i>J. Mol. Biol.</i> , Vol. 239, 181-200 (1994)	

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		Office	Number	Kind Code (If known)			
12		WO	95/01370	A1	BURCHARDT et al.	01-12-1995	
12		WO	99/67628	A1	DE LUMLEY-WOODYEAR et al.	12-29-1999	

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		Number	Kind Code (if known)		
W		6,287,772	B1	STEFANO et al.	09-11-2001
W		6,255,469	B1	SEEMAN et al.	07-03-2001

FOREIGN PATENT DOCUMENTS


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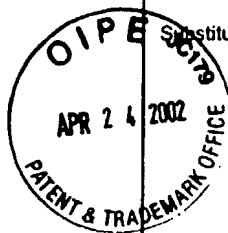
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		Office	Number	Kind Code (if known)			
✓		WO	97/45539	A1	KUBISTA et al.	12-04-1997	
✓		GB	2333359	A	LEE et al.	07-21-1999	
✓		GB	2338301	A	GIBSON et al.	12-15-1999	
✓		WO	00/20633	A1	BROOKES	04-13-2000	

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